

CORRECTED SEQUENCE LISTING

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23

<110> Conseiller, Emmanuel Debussche, Laurent Gallagher, William

<120> Polypeptide (MBP1) Capable Of Interacting With Oncogenic Mutants Of The P53 Protein

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- <140> 09/829,936
- <141> 2001-04-11
- <150> FR9812754
- <151> 1998-10-12
- <160> 33
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Asp Glu Cys Gly Tyr Ser Ser Tyr Leu Cys Gln Tyr Arg Cys Val Asn 100 105 110

Glu Pro Gly Arg Phe Ser Cys His Cys Pro Gln Gly Tyr Gln Leu Leu 115 120 125

Ala Thr Arg Leu Cys Gln Asp Ile Asp Glu Cys Glu Thr Gly Ala His 130 135 140

Gln Cys Ser Glu Ala Gln Thr Cys Val Asn Phe His Gly Gly Tyr Arg 145 150 155 160

Cys Val Asp Thr Asn Arg Cys Val Glu Pro Tyr Val Gln Val Ser Asp 165 170 175

Asn Arg Cys Leu Cys Pro Ala Ser Asn Pro Leu Cys Arg Glu Gln Pro 180 185 190

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Pro Ala Asp Val Phe Gln Ile Gln Ala Thr Ser Val Tyr Pro Gly Ala Page 5



210 215 220

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Ile Arg Gln Ile Asn Asn Val Ser Ala Met Leu Val Leu Ala Arg Pro 245 250 255

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cag ctg Gln Leu	ggg cct Gly Pro 195	aac Asn	aac Asn	cgc Arg	tcc Ser 200	tgt Cys	gtt Val	gat Asp	gtg Val	aac Asn 205	gag Glu	tgt Cys	gac Asp	682
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tgc agt Cys Ser							Ser 250		Tyr					826

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						ctc Leu										1354
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Gly Ser Tyr Gln Cys Thr Cys Pro Asp Gly Tyr Arg Lys Ile Gly Pro 145

Glu Cys Val Asp Ile Asp Glu Cys Arg Tyr Arg Tyr Cys Gln His Arg 175

Cys Val Asn Leu Pro Gly Ser Phe Arg Cys Gln Cys Glu Pro Gly Phe 185

Gln Leu Gly Pro Asn Asn Arg Ser Cys Val Asp Val Asn Glu Cys Asp 200

Met Gly Ala Pro Cys Glu Gln Arg Cys Phe Asn Ser Tyr Gly Thr Phe 225

Cys Arg Cys His Gln Gly Tyr Glu Leu His Arg Asp Gly Phe Ser 240

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 Ile
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 Glu
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 Ala
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 Thr
 Arg
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 Cys
 Pro
 Ala
 Ser
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 Tyr
 Met
 Thr
 Jie
 Cys
 Arg
 Pro
 Ala
 A

9

Gly Asp Phe Tyr Ile Arg Gln Ile Asn Asn Val Phe Ala Met Leu Val 385 390 395 400

Tyr Pro Gly Ala Tyr Asn Ala Phe Gln Ile Arg Ala Gly Asn Ser Gln 370 375 380

Leu Ala Arg Pro Val Thr Gly Pro Arg Glu Tyr Val Leu Asp Leu Glu 405 410 415

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Asn Arg Cys Leu Cys Pro Ala Ser Asn Pro Leu Cys Arg Glu Gln Pro 624 tca tcc att gtg cac cgc tac atg acc atc acc tcg gag cgg agc gtg Ser Ser Ile Val His Arg Tyr Met Thr Ile Thr Ser Glu Arg Ser Val 200 ccc gct gac gtg ttc cag atc cag gcg acc tcc gtc tac ccc ggt gcc Pro Ala Asp Val Phe Gln Ile Gln Ala Thr Ser Val Tyr Pro Gly Ala 672 720 tac aat gcc ttt cag atc cgt gct gga aac tcg cag ggg gac ttt tac Tyr Asn Ála Phe Glň Ile Arg Ála Gly Asn Ser Glň Gly Ásp Phe Tyr 225 230 235 240 att agg caa atc aac aac gtc agc gcc atg ctg gtc ctc gcc cgg ccg Ile Arg Gln Ile Asn Asn Val Ser Ala Met Leu Val Leu Ala Arg Pro 768 gtg acg ggc ccc cgg gag tac gtg ctg gac ctg gag atg gtc acc atg Val Thr Gly Pro Arg Glu Tyr Val Leu Asp Leu Glu Met Val Thr Met 816 265 270 aat tcc ctc atg agc tac cgg gcc agc tct gta ctg agg ctc acc gtc Asn Ser Leu Met Ser Tyr Arg Ala Ser Ser Val Leu Arg Leu Thr Val 864 915 ttt gta ggg gcc tac acc ttc tgaggagcag gagggagcca ccctccctgc Phe Val Gly Ala Tyr Thr Phe 290 agctacccta gctgaggagc ctgttgtgag gggcagaatg agaaaggcaa taaagggaga 975 1035 aaqaaaqtcc tqqtqqctqa ggtgggcggg tcacactgca ggaagcctca ggctggggca gggtggcact tgggggggca ggccaagttc acctaaatgg gggtctctat atgttcaggc 1095 ccaggggccc ccattgacag gagctgggag ctctgcacca cgagcttcag tcaccccgag 1155 aggagaggag gtaacgagga gggcggactc caggccccgg cccagagatt tggacttggc 1215 1275 tggcttgcag gggtcctaag aaactccact ctggacagcg ccaggaggcc ctgggttcca ttcctaactc tgcctcaaac tgtacatttg gataagccct agtagttccc tgggcctgtt 1335 1358 tttctataaa acgaggcaac tgg <210> 31 <211> 295 <212> **PRT** <213> Artificial Sequence <220> <223> Human MBP1 C-term fragment <400> 31 Cys Thr Cys Pro Asp Gly Tyr Arg Lys Ile Gly Pro Glu Cys Val Asp

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Ile Asp Glu Cys Arg Tyr Arg Tyr Cys Gln His Arg Cys Val Asn Leu 20 25 30 Pro Gly Ser Phe Arg Cys Gln Cys Glu Pro Gly Phe Gln Leu Gly Pro 35 40 45 Asn Asn Arg Ser Cys Val Asp Val Asn Glu Cys Asp Met Gly Ala Pro 50 60 Cys Glu Gln Arg Cys Phe Asn Ser Tyr Gly Thr Phe Leu Cys Arg Cys 65 70 75 80 His Gln Gly Tyr Glu Leu His Arg Asp Gly Phe Ser Cys Ser Asp Ile $85 \hspace{1.5cm} 90 \hspace{1.5cm} 95$ Asp Glu Cys Ser Tyr Ser Ser Tyr Leu Cys Gln Tyr Arg Cys Val Asn 100 105 110 Glu Pro Gly Arg Phe Ser Cys His Cys Pro Gln Gly Tyr Gln Leu Leu 115 120 125 Ala Thr Arg Leu Cys Gln Asp Ile Asp Glu Cys Glu Ser Gly Ala His 130 135 140 Gln Cys Ser Glu Ala Gln Thr Cys Val Asn Phe His Gly Gly Tyr Arg 145 150 155 160 Cys Val Asp Thr Asn Arg Cys Val Glu Pro Tyr Ile Gln Val Ser Glu 165 170 175 Asn Arg Cys Leu Cys Pro Ala Ser Asn Pro Leu Cys Arg Glu Gln Pro 180 Ser Ser Ile Val His Arg Tyr Met Thr Ile Thr Ser Glu Arg Ser Val 195 200 205 Pro Ala Asp Val Phe Gln Ile Gln Ala Thr Ser Val Tyr Pro Gly Ala 210 215 220 Tyr Asn Ala Phe Gln Ile Arg Ala Gly Asn Ser Gln Gly Asp Phe Tyr 225 230 235 240 Ile Arg Gln Ile Asn Asn Val Ser Ala Met Leu Val Leu Ala Arg Pro 245 250 255 Val Thr Gly Pro Arg Glu Tyr Val Leu Asp Leu Glu Met Val Thr Met Page 22

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Asn Ser Leu Met Ser Tyr Arg Ala Ser Ser Val Leu Arg Leu Thr Val 280 Phe Val Gly Ala Tyr Thr Phe <210> 32 <211> 1663 <212> DNA <213> Artificial Sequence <220> murine fibulin 2 c-term fragment <220> <221> <222> CDS (1)..(999)<400> 32 gag ggc tct gaa tgt gtg gat gtg aat gag tgt gag aca ggt gtg cat Glu Gly Ser Glu Cys Val Asp Val Asn Glu Cys Glu Thr Gly Val His 1 10 15 48 cgc tgt ggc gag ggc caa ctg tgc tat aac ctc cct gga tcc tac cgc Arg Cys Gly Glu Gly Gln Leu Cys Tyr Asn Leu Pro Gly Ser Tyr Arg 20 25 30 96 tgt gac tgc aag ccc ggc ttc cag agg gat gca ttc ggc agg act tgc Cys Asp Cys Lys Pro Gly Phe Gln Arg Asp Ala Phe Gly Arg Thr Cys 35 40 45 144 att gat gtg aac gaa tgc tgg gtc tcg ccg ggc cgc ctg tgc cag cac Ile Asp Val Asn Glu Cys Trp Val Ser Pro Gly Arg Leu Cys Gln His 50 60192 aca tgt gag aac aca ccg ggc tcc tac cgc tgc tcc tgc gct gct ggc Thr Cys Glu Asn Thr Pro Gly Ser Tyr Arg Cys Ser Cys Ala Ala Gly 65 70 75 80 240 ttc ctt ttg gcc gca gat ggc aaa cat tgt gaa gat gtg aac gag tgc Phe Leu Leu Ala Ala Asp Gly Lys His Cys Glu Asp Val Asn Glu Cys 85 90 95 288 gag act cgg cgc tgc agc cag gaa tgt gcc aac atc tat ggc tcc tat Glu Thr Arg Arg Cys Ser Gln Glu Cys Ala Asn Ile Tyr Gly Ser Tyr 100 105 110336 cag tgc tac tgc cgt cag ggc tac cag ctg gca gag gat ggg cat acc Gln Cys Tyr Cys Arg Gln Gly Tyr Gln Leu Ala Glu Asp Gly His Thr 115 120 125384 tgc aca gac atc gat gag tgt gca cag ggc gcg ggc att ctc tgt acc Cys Thr Asp Ile Asp Glu Cys Ala Gln Gly Ala Gly Ile Leu Cys Thr 130 135 140 432



·	
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Cys Asp Cys Lys Pro Gly Phe Gln Arg Asp Ala Phe Gly Arg Thr Cys 35 40 45

Ile Asp Val Asn Glu Cys Trp Val Ser Pro Gly Arg Leu Cys Gln His 50 60

Thr Cys Glu Asn Thr Pro Gly Ser Tyr Arg Cys Ser Cys Ala Ala Gly 65 70 75 80

Phe Leu Leu Ala Ala Asp Gly Lys His Cys Glu Asp Val Asn Glu Cys 85 90 95

Glu Thr Arg Arg Cys Ser Gln Glu Cys Ala Asn Ile Tyr Gly Ser Tyr 100 105 110

Gln Cys Tyr Cys Arg Gln Gly Tyr Gln Leu Ala Glu Asp Gly His Thr 115 120 125

Cys Thr Asp Ile Asp Glu Cys Ala Gln Gly Ala Gly Ile Leu Cys Thr 130 135 140

Phe Arg Cys Val Asn Val Pro Gly Ser Tyr Gln Cys Ala Cys Pro Glu 145 150 155 160

Gln Gly Tyr Thr Met Met Ala Asn Gly Arg Ser Cys Lys Asp Leu Asp 165 170 175



Glu Cys Ala Leu Gly Thr His Asn Cys Ser Glu Ala Glu Thr Cys His 180 185 190

Asn Ile Gln Gly Ser Phe Arg Cys Leu Arg Phe Asp Cys Pro Pro Asn $195 \hspace{1cm} 200 \hspace{1cm} 205$

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Ile Thr Glu Cys Gln Thr Ser Pro Ala Arg Ile Thr His Tyr Gln Leu 225 230 235 240

Asn Phe Gln Thr Gly Leu Leu Val Pro Ala His Ile Phe Arg Ile Gly 245 250 255

Pro Ala Pro Ala Phe Ala Gly Asp Thr Ile Ser Leu Thr Ile Thr Lys 260 265 270

Gly Asn Glu Glu Gly Tyr Phe Val Thr Arg Arg Leu Asn Ala Tyr Thr 275 280 285

Gly Val Val Ser Leu Gln Arg Ser Val Leu Glu Pro Arg Asp Phe Ala 290 295 300

Leu Asp Val Glu Met Lys Leu Trp Arg Gln Gly Ser Val Thr Thr Phe 305 310 315 320

Leu Ala Lys Met Tyr Ile Phe Phe Thr Thr Phe Ala Pro 325 330